



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF AIR AND RADIATION

Climate Protection Partnership Division  
U.S. EPA 6202J  
Washington, DC 20460

Christina M. Kaba  
Land Air Water Legal Solutions LLC  
1000 Westlakes Drive, Suite 150  
Berwyn, PA 19312

**Re: Freedom of Information Act (FOIA) Request - # EPA-HQ-2013-008454**

Dear Ms.Kaba:

The U.S. Environmental Protection Agency has received your July 23, 2013 request for documents pertaining to Delta Thermo Energy Inc.'s "Resource Recycling by way of Hydrothermal Decomposition" project. Delta Energy Inc. submitted this project to the EPA's Green Power Partnership to be considered for inclusion in our July 17, 2012 pilot project alignment webinar. The project was not selected for inclusion.

Enclosed is the project submission form provided by Delta Thermo Energy, Inc. and a copy of our email correspondence to Robert Van Naarden of Delta Thermo Energy, Inc. notifying him that the project was not selected for the session.

Under the FOIA, you have the right to appeal this determination to the National Freedom of Information Officer, U.S. EPA, FOIA and Privacy Branch, 1200 Pennsylvania Avenue, N.W. (2822T), Washington, DC 20460 (US Postal Service only), fax: (202) 566-2147, e-mail: [hq.foia@epa.gov](mailto:hq.foia@epa.gov). Only items mailed through the U.S. Postal Service may be delivered to 1200 Pennsylvania Avenue, NW. If you are submitting your appeal via hand delivery, courier service or overnight delivery, you must address your correspondence to 1301 Constitution Avenue, NW, Room 6416J, Washington, DC 20004. Your appeal must be made in writing, and it must be submitted no later than 30 calendar days from the date of this letter. The Agency will not consider appeals received after the 30 calendar day limit. The appeal letter should include the request identification number listed above. For quickest possible handling, the appeal letter and its envelope should be marked "Freedom of Information Act Appeal."

Please contact me 202-343-9190 should you have any questions concerning this matter.

Sincerely,

  
Elizabeth Craig  
Director  
Climate Protection Partnerships Division



## **Aligning Green Power Partners with New Renewable Energy Projects Pilot Project Summary**

Please return the completed summary via email to Blaine Collison, Green Power Partnership Director,  
[collison.blaine@epa.gov](mailto:collison.blaine@epa.gov) / 202-343-9139

**Project Name:** Resource **Recycling by way of Hydrothermal Decomposition**

**Developer Name:** **Delta Thermo Energy, Inc.**

**Renewable Energy Type:** **Using MSW and Sewage Sludge as feedstock to create clean electricity**

**Total Planned Megawatt (MW) Size:** **152 Tons/day**    **Phase I: 3MW**    **Phase II: 3MW**

**Project Location:** **112 W. Union Street Allentown, PA**

**Is the project permitted?:** **Yes**

**If not, what is the permit status?:** **NA**

**What is the status of the project's site?:** **Ready for building the facility. Currently we are going through the land development process and the final engineering design.**

**Have land leases been filed with the county?:** **We have signed the Memorandum of Lease with the City of Allentown as well as the Agreement with the City includes a lease agreement section for 35 years.**

**What is the status of interconnection, and have system impact and facility studies been completed? (Distribution or transmission level projects are both eligible):** **No**

Does the transmission owner (TO) or independent system operator (ISO) have a process to study the project's impact on the local or regional grid and the subsequent cost to interconnect?: **We have talked with PPL in the Allentown area about the interconnect and see no hurdles to overcome. We understand the costs and PPL can take the feed from our facility.**

What is the status of the Environmental Impact Statement?: **We have one and it was part of our proposal to the City of Allentown, PA**

Is any element of the project – technology or other – experimental or pilot-phase?: **No, our technologies have been commercially operating for several years in Europe and Asia.**

What is the long- and short-term operations program of the project? Does the renewable energy technology manufacturer have a technical support team locally available?: **We have signed a 35 year contract with the City of Allentown to build a waste to energy facility and not only take all their MSW and sewage sludge but also generate clean electricity from this feedstock. We have a local team for all facets of technical support.**

For wind projects, has a meteorological tower been installed? If yes, when was the tower installed and how much data has been collected?: **NA**

Who has analyzed the data and what is that person's experience with respect to projects that have actually been financed?: **We are financing this project with an allocation from the Commonwealth of Pennsylvania (PEDFA) for tax exempt municipal bonds as well as grants from the Commonwealth and the Federal Government, DOE. The PFM Group was hired by the City of Allentown's City Council to analyze the financials and approved the results of their findings.**

Can the turbine manufacturer be financed through "traditional" tax equity and debt in the U.S.?: **Yes**



Provide a short summary of how you view project finance and structure/ownership: **Financing is mentioned above. Other than having a 35 year lease on the land, the facility will be built, owned, operated and maintained by Delta Thermo Energy.**

What are your ideal types of prospective institutions/partners?: **Delta Thermo Energy is focused on municipalities with a demographic make-up and population of between 125,000 to 200,000 people which in turn generates about 100 tons per day of MSW and 40 tons per day of Sludge.**

What is the intended off-take for the renewable power with respect to bundled or unbundled products and is there a preference? **The take of is electricity and further recyclable materials.**



Blaine Collison

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Welcome to EPA's Green Power Partnership data management system!

If you have any questions about the system, please contact Anthony Amato (ERG):

Anthony Amato  
[anthony.amato@epa.gov](mailto:anthony.amato@epa.gov)  
 (781) 674-7225

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Assigned To	<a href="#">Blaine Collison</a>	Due Date	7/3/2012
Name	<a href="#">Robert Van Naarden</a>	Activity Type	
Related To	<a href="#">Delta Thermo Energy, Inc.</a>	Status	Completed
Incoming/Outgoing	Outgoing	Priority	Normal
Type	Email		
Subject	Email: Your submission to EPA's webinar on Aligning Green Power Partners with New Renewable Energy Projects		
Comments	<p>Additional To: <a href="mailto:rvannaarden@deltathermo.com">rvannaarden@deltathermo.com</a></p> <p>CC:</p> <p>BCC:</p> <p>Attachment:</p> <p>Subject: Your submission to EPA's webinar on Aligning Green Power Partners with New Renewable Energy Projects</p> <p>Body:</p> <p>Dear Robert,</p> <p>Thank you for your submission for our upcoming Green Power Partnership (GPP) webinar on "Aligning Green Power partners with New Renewable Energy Projects." Unfortunately, your project was not selected for inclusion in the webinar. Due to the many excellent submissions we received, however, we will be including your project on our website and will notify you when it is posted. This will allow interested organizations to contact you for more information.</p> <p>We encourage you to register for the July 17th webinar (<a href="https://www2.gotomeeting.com/register/533380026">https://www2.gotomeeting.com/register/533380026</a>), and an email with a registration link will be sent to you shortly. As this is a pilot webinar, we may be hosting similar webinars in the future with a call for project submissions.</p> <p>Again, thank you for taking the time to submit your project for consideration, and thank you for the work you do developing renewable energy resources in the U.S.</p> <p>Sincerely,</p> <p>Blaine Collison        Director        US EPA Green Power Partnership  <a href="mailto:collison.blaine@epa.gov">collison.blaine@epa.gov</a>        202-343-9139  <a href="http://www.epa.gov/greenpower">www.epa.gov/greenpower</a></p>		

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